

From: [Avey, Lance](#)
To: [Wilbur, Emily](#)
Cc: [Hawkins, Andy](#); [Peter, David](#)
Subject: Alternative Modeling in Region 4 for 1-hr SO2
Date: Wednesday, October 21, 2015 3:32:31 PM
Attachments: [Cooper Station Modeling Report for SO2 NAAQS Designations \(Final 2015-0902\).pdf](#)
[Eastman Site-Specific Model Documentation Report_07-Jul-2014 \(3\).pdf](#)
[Sullivan County SO2 Alternative Model Approval.pdf](#)

Hi Emily,

Passing on information on two States in Region 4 that used alternative (beta-options) modeling. You can see the justification used for the beta-option adj_u^* at Cooper Station in Kentucky for SO2 CD designation in Appendix A of the document. Also attached, is the evaluation to justify the use of beta-options for the Eastman Facility in Tennessee for their 1-hr SO2 SIP.

So this can give you an idea of what has been submitted to other EPA Regions. Of course, any use of beta-options needs to be formally proposed to the Regional authority and go through the alternative modeling demonstration and approval process.

Thanks and let me know of any questions,

Lance

Lance Avey

EPA Region 7

11201 Renner Boulevard

Lenexa, Kansas 66219

(913) 551-7809

avey.lance@epa.gov